BISS Biodiversity Information Science and Standards

Biodiversity Information Science and Standards 5: e73900
doi: 10.3897/biss.5.73900

OPEN ACCESS

Conference Abstract

The DiSSCo Knowledgebase: A trusted information hub for the natural science collection community worldwide

Mareike Petersen‡, Sabine von Mering‡, Julia Pim Reis‡, Falko Glöckler‡

‡ Museum für Naturkunde Berlin, Leibniz Institute for Evolution and Biodiversity Science, Berlin, Germany

Corresponding author: Mareike Petersen (mareike.petersen@mfn.berlin)

Received: 03 Sep 2021 | Published: 03 Sep 2021

Citation: Petersen M, von Mering S, Pim Reis J, Glöckler F (2021) The DiSSCo Knowledgebase: A trusted information hub for the natural science collection community worldwide. Biodiversity Information Science and Standards 5: e73900. https://doi.org/10.3897/biss.5.73900

Abstract

In the last two decades, various projects and initiatives have conducted research on how to share, exchange, and link information from natural science collection objects. This profound (technical) knowledge, standards, tools, and best practices are essential to the development of any new research infrastructure facilitating research on bio- and geodiversity. However, the knowledge and research results are usually not easily accessible at a single point and particularly not in a well-curated form. Here, the Knowledgebase developed for the Distributed System of Scientific Collections (DiSSCo) comes into play. This information hub will act as trusted source for project outcomes and other relevant resources (e.g., web services, Persistent Identifier Systems, controlled vocabularies, domain-specific ontologies and standards) for users and developers of DiSSCo and other research infrastructures worldwide. In this talk, we will present the current version of the DiSSCo Knowledgebase, its developmental approach, and the opportunity for this source to act as an e-service for various stakeholder groups interested in and working with natural science collections worldwide.

Keywords

research infrastructure, common resources, e-service

© Petersen M et al. This is an open access article distributed under the terms of the Creative Commons Attribution License (CC BY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Presenting author

Mareike Petersen

Presented at

TDWG 2021